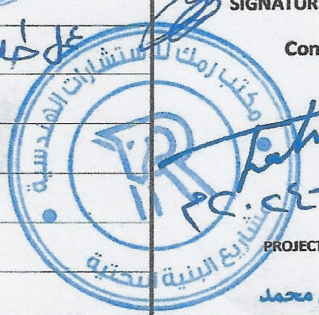


 شركة طرق الرياض للمقاولات RIYADH ROAD CONTRACTING CO.		 شركة ساني العامرية SANY Alameriah Co.		 مكتب رمك للإستشارات الهندسية RAMAK ENGINEERING CONSULTANTS OFFICE	
FROM : شركة طرق الرياض للمقاولات المحدودة		المطور : شركة ساني العامرية TECHNICAL SUBMITTAL		To : مكتب رمك للاستشارات الهندسية	
مشروع تنفيذ اعمال البنية التحتية بمخطط تلال الغروب رقم 1837 / 1 / س - جده Block (1&3&5&10&11&12&13)					
SUBMITTAL NO. :	94	NEW SUBMITTAL	☒	RE SUBMITTAL	☐
TRANSMITTAL FOR :		METHOD STATEMENT	☐	CALCULATIONS	☐
MATERIAL TEST		TEST RESULTS	☐	SAMPLE	☐
PROJECT MANAGEMENT	☐	EARTH WORK	☐	SEWAGE	☐
الموقع		BLOCK 10+11	ATTACHMENT : ☐		
NO.	NAME AND DESCRIPTION		MANUFACTURER / SUPPLIER		CONTRACT REF.
1	اعتماد لوحة الاتارة BLOCK 10+11		شركة طرق الرياض للمقاولات RIYADH ROAD CONTRACTING CO.		B
CONTRACTOR'S REMARKS					SIGNATURE التوقيع Contractor PROJECT MANAGER م / محمد غمري
INFRASTRUCTURE CONSULTANT COMMENTS :					SIGNATURE التوقيع Consultant PROJECT MANAGER م / فاضل محمد
DEVELOPER PROJECT MANAGER COMMENTS :			DEVELOPER PROJECT MANAGER م / علاء شلتوت		See Attachment ☒
A = APPROVED B = APPROVED AS NOTED C = APPROVED AS NOTED, RESUBMIT D = DISAPPROVED E = NO ACTION					
REF. IN :			REF. OUT :		

جدول مقابلة مواصفات لوحة توزيع إدارة سعة 200 أسير مع مواصفات مالية محافظة جدة

مدى المطابقة المواصفات الامانة	مواصفة أمانة جدة	لوحة التوزيع المقدمة	المبان	م
	الواح صاج حديد سماكه لا تقل عن 2 مم	الواح صاج حديد سماكه لا تقل عن 2 مم	مادة الصنع	1
	طبقين من دهان الزنجا المائل للحرارة والرطوبة	طبقين من دهان الزنجا المائل للحرارة والرطوبة	الدهان	2
	فولت 600 تيار متردد كحد ادنى	فولت 600 تيار متردد كحد ادنى	مستوى العزل للوحة	3
	قاطع 300 أمبير قابل للتغير (300- 200)	قاطع 300 أمبير قابل للتغير (300- 200)	قاطع الى حراري مغناطيسي ثلاثي الاطوار	4
	عدد 2 موصلان اليان سعة 200 مير جهد 400/231	عدد 2 موصلان اليان سعة 200 مير جهد 400/231	كونتكتور	5
	عدد 10 قواطع ثلاثيه الطور 63 امبير	عدد 10 قواطع ثلاثيه الطور 63 امبير	قاطع قرعى 63 امبير	6
	درجه مثويه 50	درجه مثويه 50	نحمل القاطع الرئيسي لدرجه الحراره	7
	مدرج من صفر الى 500 فولت	مدرج من صفر الى 500 فولت	جهاز قياس الجهد	8
	مدرج من صفر الى 300 امبير مع محولات التيار الازمه 3000/5	مدرج من صفر الى 300 امبير مع محولات التيار الازمه 3000/5	جهاز قياس شدة التيار	9
	عدد 3	عدد 3	لمبات اشارة و بيان	10
	حسب تغذيه اللوحه	حسب تغذيه اللوحه	محولات توزيع الجهد المنخفض	11
	(40-35)x120x150	(40-35)x120x150	ابعاد اللوح (الارتفاع* العرض* عمق اللوحه)	12
	امبير 300/5	امبير 300/5	محولات التيار	13
	قضبان نحاسيه بمقطع مناسب لسعه اللوحه	قضبان نحاسيه بمقطع مناسب لسعه اللوحه	قضبان التوزيع الخاصه بتغذيه الكونكتور	14
	قضبان نحاسيه بمقطع مناسب لسعه اللوحه	قضبان نحاسيه بمقطع مناسب لسعه اللوحه	قضبان التوزيع الخاصه بتغذيه القواطع الفرعيه	15
	جلاتنات لدخول كابلات اللوحه	جلاتنات لدخول كابلات اللوحه	جلاتنات لدخول كابلات اللوحه	16
	يوجد	يوجد حسب القائمه المرفقه	خديه ضوئيه	17
	يوجد	يوجد حسب القائمه المرفقه	مؤقت زمني	18
	يوجد	يوجد حسب القائمه المرفقه	شهادة الجوده ساسو	20
	يوجد	يوجد حسب القائمه المرفقه	الاختبارات على اللوحه	21
	يوجد	يوجد حسب القائمه المرفقه	شهادة الضمان	22



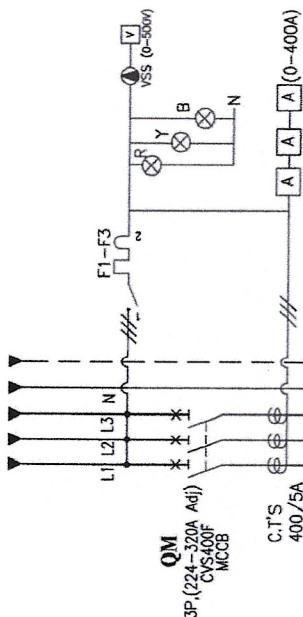
EQUIPMENT LIST

EQUIPMENT LIST						
MARK	UNIT	QNTY.	TYPE OF REF.NO	MANU FACTURER	DESCRIPTION	REMARKS
					Main:	
QM	NO.	1	LV540405	SCHNEIDER	CVS400F TM320D 3p3D; EasyPact CVS circuit breaker	
					Branches:	
Q1 TO Q10	NO.	10	EZC100N3063	SCHNEIDER	EZ100N MCCB 18KA/380V 3P 63A	
C1,C2	NO.	2	LC1E160M6	SCHNEIDER	Contacto,r,EasyPact TVS,3p(3NO),200 A (at <55 °C) at <= 440 V AC AC-1 for power circuit	
					Metering & Control:	
R.Y.B	NO.	3	R.Y.B	XIDER	Indicating Lamps	
CT	NO.	3	CT	HOST	Current Transformer 0-300/5A	
AM	NO.	3	AMMETER	HOST	AMMETER ANALOG 0-300A 72 X 72MM	
VM	NO.	1	VOLTMETER	HOST	VOLT.METER ANALOG 500V 72 X 72MM	
VSS	NO.	1	Model -PS-16	HOST	VOLMETER SELECTOR SWITCH 7 POSITION	
SS1	NO.	1	XB4BD33	SCHNEIDER	Selecto,r Switch - Standard Handle, Black - 2NO	
SS2	NO.	1	XB4BD21	SCHNEIDER	Selecto,r Switch - Standard Handle, Black	
R0,R1,R2,R3	NO.	4	RXM4AB1P7	SCHNEIDER	Plug,in relay 4 C/O 230 V 50/60 Hz	
	NO.	4	RXZE2M114M	SCHNEIDER	Mixed socket 2/4 CO	
T1	NO.	1	SHT-4/230	ELKO	Electronic weekly timer, 18 Prog., 2 relay out.	
F1,F2,F3	NO.	3	17044	SCHNEIDER	DOMAE 6kA 1P 6A C	
F4,F5,F6,F7,F8,F9	NO.	6	17044	SCHNEIDER	DOMAE 6kA 1P 6A C	
PC	NO.	1	USA	Precision	Photo Cell	
PL	NO.	1	Local	Local	Panel Light 40 Watts with Switch	
PS	NO.	1	730060	LEGRAND	12 250V SWT 1G DP SKT OUTLET	
					Busbar:	
BB	LOT	1	BB	ORIENTAL	Tin plated copper Busbar rated at 300A	
ENCL	LOT	1	ENCL	BE	Enclosures : Hot Dip Galvanized(1Layer) & Powder Coated(1 Layer) SIZE :1500(H)x1200(W)x380 (D)mm ,Sheet Thickness-2mm.	



REV.	DATE	DESCRIPTION FOR APPROVAL	CHECK S/L	APPROV. Y/SR	CUSTOMER																	TITLE: LIGHTING PANEL (200 - 320A) WITHOUT TRANSFORMER EQUIPMENT LIST		BA'AMER ELECTRIC FACTORY ISO 9001:2015 COMPANY FOR ELECTRICAL POWER DISTRIBUTION & SWITCH GEAR ISO 9001:2008 42004-1-17 TEL. 00969 162005 FAX 164177100150	Drawing no. 200/1110/05 Next Sht. 06 Drawn by: <i>Alf</i> Designed by: <i>JZZ</i>	Sheet no. 05 Next Sht. 06 Revision 0
Formaldate No. FB112					Version No. 1					Approved date: 03/12/2019 15																16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16											

400/230V, 3PH, 4W, 60HZ
L1, L2, L3, PE



BUS BAR RATED AT 300AMPS 3PH+N+E

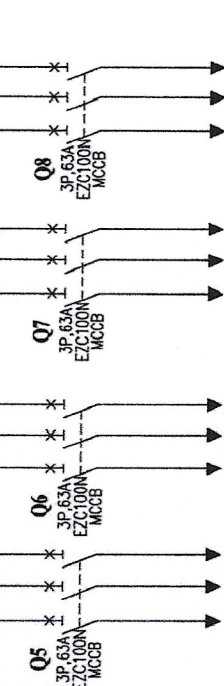
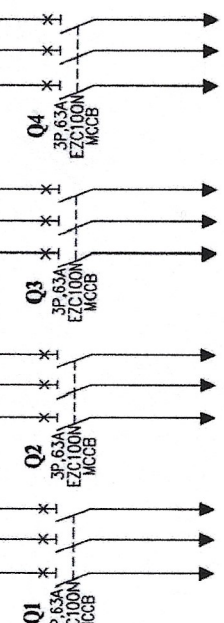
C1
3P 200A (AC-1)
LCIE160M6

C2
3P 200A (AC-1)
LCIE160M6

BUS BAR RATED AT 200AMPS 3PH+N+E

BUS BAR RATED AT 200AMPS 3PH+N+E

R
Y
B



CUSTOMER :

TITLE : LIGHTING PANEL (200-320A)
WITHOUT TRANSFORMER
POWER WIRING DIAGRAM

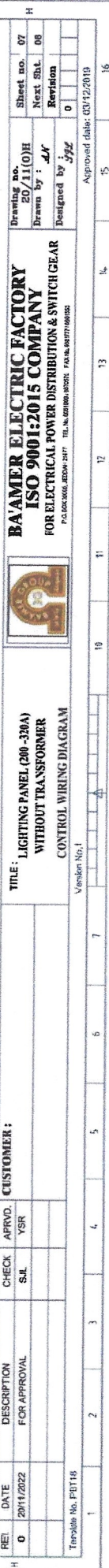
BAAMER ELECTRIC FACTORY
ISO 9001:2015 COMPANY
FOR ELECTRICAL POWER DISTRIBUTION & SWITCHGEAR

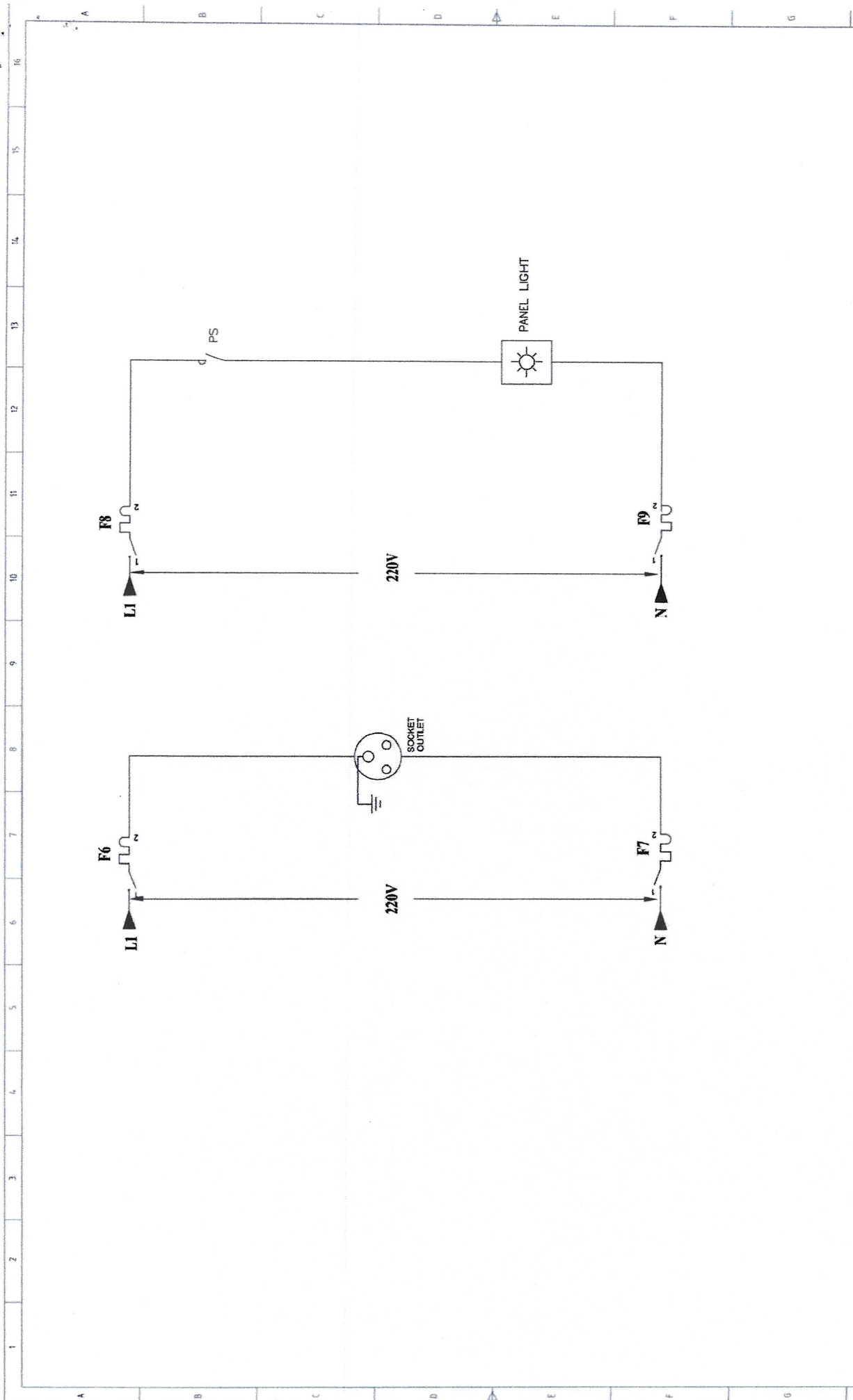


Drawing no. 20/11(0)G
Drawn by : 4R
Designed by : JFJ
Sheet no. 07
Next Sht. 08
Revision
0

Version No.1

Approved date: 03/12/2019





REV.	DATE	DESCRIPTION	CHECK	APPROV.	CUSTOMER :	 BA'AMER ELECTRIC FACTORY ISO 9001:2015 COMPANY FOR ELECTRICAL POWER DISTRIBUTION & SWITCH GEAR P.O. BOX 3666, KOSOF 2147 TEL. 0269914000 FAX 0269140010	Drawing no. 20/1110/H Drawn by : <i>AM</i> Designed by : <i>JFZ</i>	Sheet no. 07 Next Sht. 08 Revision 0
1	20/11/2022	FOR APPROVAL	S/L	YSR			Approved date: 03/12/2019 Approved by:	

Template No. PBT18

Product datasheet

Specifications



circuit breaker, EasyPact CVS,
CVS400F , 36kA 380/415V,TMD,
3p/3d

LV540405

Main

Range of product	EasyPact CVS400...630
Product or component type	Circuit breaker
Device short name	CVS400F
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	320 A at 50 °C
Breaking capacity code	F
Network type	AC
[Icu] Breaking capacity	40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	320 A at 40 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed

Mechanical durability	15000 cycles
Electrical durability	6000 cycles 415 V In conforming to IEC 60947-2
Connection pitch	45 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	5...10 x In
Height	255 mm
Width	140 mm
Depth	110 mm

Environment

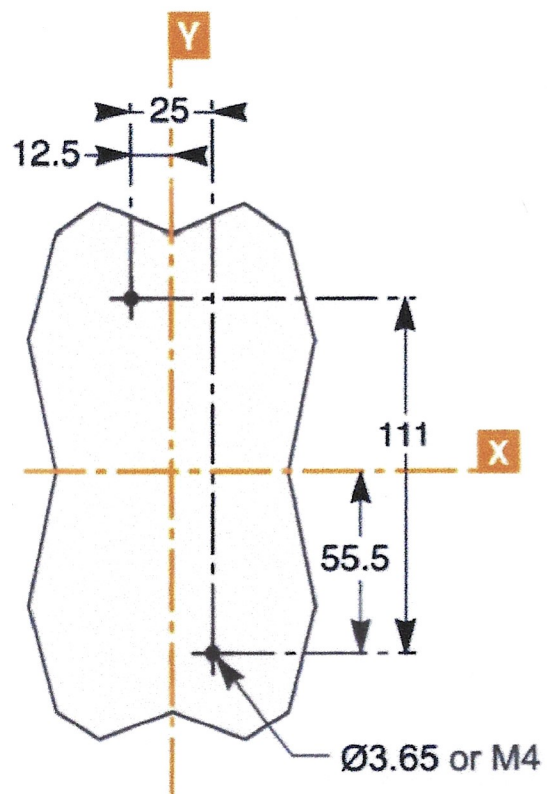
Electrical shock protection class	Class II
Standards	IEC 60947-2 EN 60947-2
Product certifications	GOST IEC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

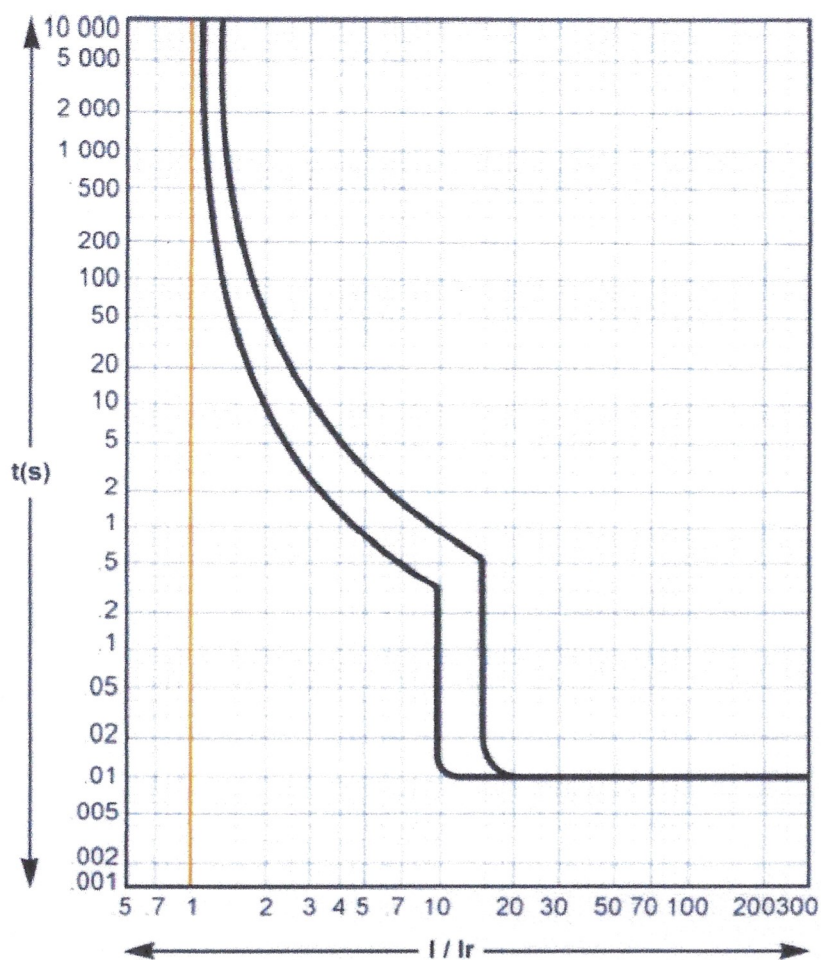
Package 1 Weight	5.200 kg
Package 1 Height	1.000 mm
Package 1 Width	1.000 mm
Package 1 Length	1.000 mm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration



Performance Curves



Recommended replacement(s)

PVC free

Yes

Contractual warranty

Warranty

18 months

Recommended replacement(s)

Product datasheet

Specifications



Contactor, EasyPact TVS, 3P(3NO), AC-3, ≤ 440 V, 160 A, 220 V AC coil, 60 Hz

LC1E160M6

Main

Range	EasyPact
Product or component type	Contactor
Device short name	LC1E
Contactor application	Resistive load Motor control
Utilisation category	AC-1 AC-3
Poles description	3P
[Ue] rated operational voltage	Power circuit: ≤ 690 V AC 50/60 Hz
[Ie] rated operational current	160 A (at ≤ 55 °C) at ≤ 440 V AC AC-3 for power circuit 200 A (at ≤ 55 °C) at ≤ 440 V AC AC-1 for power circuit
[Uc] control circuit voltage	220 V AC 60 Hz

Complementary

Motor power kW	45 kW at 220...230 V AC 50/60 Hz 75 kW at 380...400 V 80 kW at 415 V 80 kW at 440 V 90 kW at 500 V 100 kW at 660...690 V
Pole contact composition	3 NO
[Ith] conventional free air thermal current	200 A (at 40 °C)
Irms rated making capacity	1600 A at 440 V AC for power circuit conforming to IEC 60947-4-1
Rated breaking capacity	1280 A at 440 V for power circuit conforming to IEC 60947
[Icw] rated short-time withstand current	1400 A 40 °C - 10 s for power circuit
Associated fuse rating	10 A gG at ≤ 690 V coordination type 1 for control circuit conforming to IEC 60947-5-1 315 A gG at ≤ 690 V coordination type 1 for power circuit

[Uimp] rated impulse withstand voltage	8 kV coil not connected to the power circuit conforming to IEC 60947
Mechanical durability	400000 cycles
Electrical durability	800000 cycles AC-3 250000 cycles AC-1
Control circuit type	AC at 60 Hz
Control circuit voltage limits	0.85...1.1 U _c (55 °C):operational 60 Hz 0.35...0.55 U _c (55 °C):drop-out 60 Hz
Inrush power in VA	300 VA 50 Hz cos phi 0.9 (at 20 °C) 300 VA 60 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	22 VA 50 Hz cos phi 0.9 (at 20 °C) 22 VA 60 Hz cos phi 0.9 (at 20 °C)
Heat dissipation	3...8 W for control circuit
Operating time	20...50 ms on closing 6...20 ms on opening
Maximum operating rate	1200 cyc/h 55 °C
Connections - terminals	Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 10...120 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 10...120 mm ² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 1...2.5 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...2.5 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1...2.5 mm ² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 2 10...120 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 10...120 mm ² - cable stiffness: solid without cable end
Tightening torque	Power circuit: 12 N.m Control circuit: 1.2 N.m
Auxiliary contact composition	1 NO + 1 NC
Minimum switching voltage	17 V for control circuit
Minimum switching current	5 mA for control circuit
Insulation resistance	> 10 MOhm for control circuit
Non-overlap time	1.5 ms on energisation guaranteed between NC and NO contact 1.5 ms on de-energisation guaranteed between NC and NO contact
Mounting support	DIN rail Plate

Environment

Standards	IEC 60947-1 IEC 60947-5-1 IEC 60947-4-1
Product certifications	EAC CE
IP degree of protection	IP2x conforming to IEC 60529
Protective treatment	TH (pollution degree 3) conforming to IEC 60068-2-30 test Db
Permissible ambient air temperature around the device	-20...70 °C at U _c -60...80 °C storage -5...55 °C operation
Operating altitude	3000 m without derating

Net weight	2.3 kg
------------	--------

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Number of Units in Package 1	1
------------------------------	---

Package 1 Height	13.2 cm
------------------	---------

Package 1 Width	12.0 cm
-----------------	---------

Package 1 Length	15.8 cm
------------------	---------

Package 1 Weight	2.5 kg
------------------	--------

Unit Type of Package 2	S06
------------------------	-----

Number of Units in Package 2	1
------------------------------	---

Package 2 Height	73.5 cm
------------------	---------

Package 2 Width	60.0 cm
-----------------	---------

Package 2 Length	80.0 cm
------------------	---------

Package 2 Weight	2.5 kg
------------------	--------

Unit Type of Package 3	S03
------------------------	-----

Number of Units in Package 3	2
------------------------------	---

Package 3 Height	30.0 cm
------------------	---------

Package 3 Width	30.0 cm
-----------------	---------

Package 3 Length	40.0 cm
------------------	---------

Package 3 Weight	5.51 kg
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Offer Sustainability

Sustainable offer status	Green Premium product
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Compliant EU RoHS Declaration
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Toxic heavy metal free	Yes
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Mercury free	Yes
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RoHS exemption information	Yes
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China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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Environmental Disclosure	Product Environmental Profile
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WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Contractual warranty

Warranty	18 months
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Product datasheet

Specifications



circuit breaker, EasyPact EZC100N ,TMD, 63A ,3 poles 3d

EZC100N3063

Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC100N
Circuit breaker name	Easypact EZC100N
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	DC AC
Network frequency	50/60 Hz
[In] rated current	63 A at 40 °C
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
[Ue] rated operational voltage	550 V AC 50/60 Hz conforming to IEC 60947-2 250 V DC conforming to IEC 60947-2
Breaking capacity code	N
Breaking capacity	10 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 5 kA Icu at 125 V DC 1P conforming to IEC 60947-2 5 kA Icu at 250 V DC 2P conforming to IEC 60947-2 5 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2 18 kA Icu at 380...400 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 125 V DC conforming to IEC 60947-2 2.5 kA at 250 V DC conforming to IEC 60947-2 2.5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 9 kA at 380...400 V AC 50/60 Hz conforming to IEC 60947-2

Protection type	Overload protection Short-circuit protection
Pollution degree	3 conforming to IEC 60947

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	8500 cycles
Electrical durability	Category A: 1500 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	25 mm
Local signalling	Positive contact indication
Neutral protection setting	Without protection
Earth-leakage protection	Without
Height	130 mm
Width	75 mm
Depth	60 mm

Environment

Standards	JIS C8201-2-2 EN/IEC 60947-1 EN/IEC 60947-2 GB/T 14048.2
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	8.5 cm
Package 1 Length	14.0 cm
Package 1 Weight	765.0 g
Unit Type of Package 2	S02

Package 3 Height	120.0 cm
Package 3 Width	80.0 cm
Package 3 Length	384.0 cm
Package 3 Weight	311.424 kg

Offer Sustainability

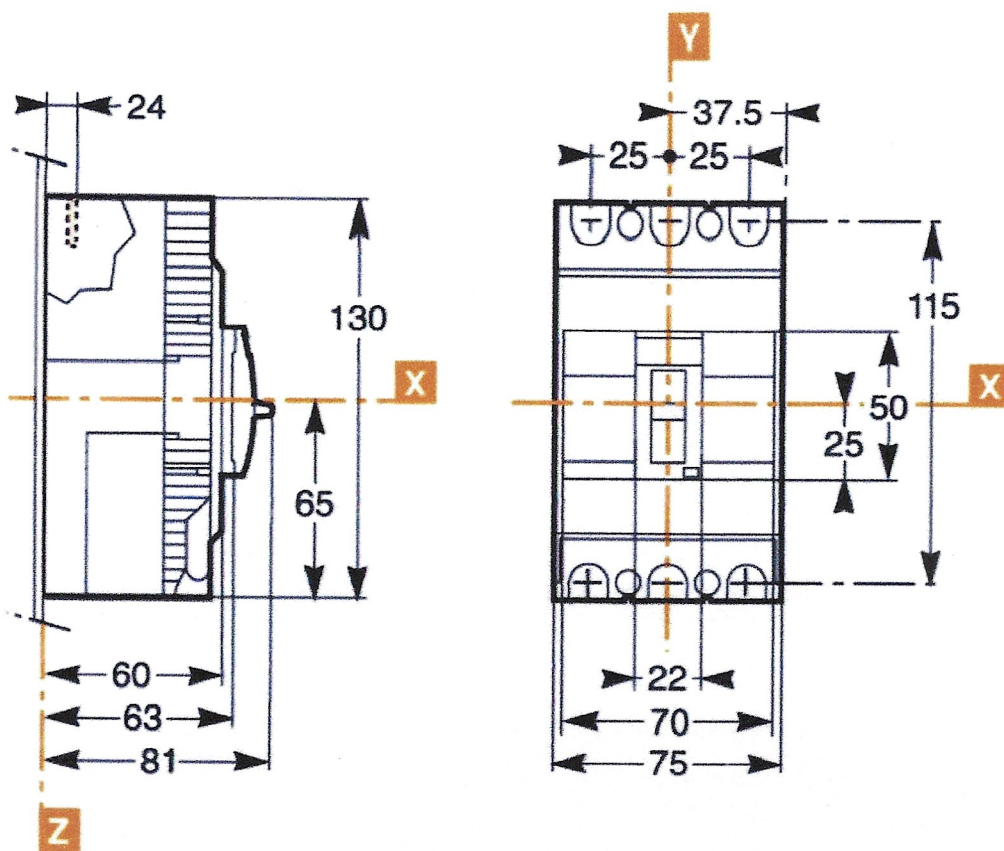
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
----------	-----------

Product datasheet
Dimensions Drawings

EZC100N3063



A non-regulated local product model certificate

مصنع باعمر للكهرباء

We () undertake and confirm that all product data are correct and are in conformity with the relevant technical regulations and specifications. We undertake to provide any technical files for the product to be requested by Authority or its representative later. In case of incorrect data, we shall accept the consequences resulting from this error.

Confirmation Number

SD-22-000022

Confirmation Type

Self Declaration Certificate

Issue Date

04/03/2022

Expire Date

04/03/2023

Establishment Address

جدة حي الصناعية الثانية شارع العلم

Commercial Registration No

4030145440

Product and Manufacturer Data

Model Name

لوحت توزيع كهربائية

Product Name

electrical distribution panels

Product Description

Country of origin

Saudi Arabia

HS Code

8537100000001

Manufacturer name

baamer electric factory

Trade Mark

baamer electric BE

Establishment manager signature

We pledge and agree that the product is not subject to any of the technical regulations approved by the Authority, nor is it a pharmaceutical, alimental or agricultural product and does not fall outside the scope of the products covered by the related technical regulations and standards approved by the Authority

30/03/2022 03:32

Establishment Stamp



Certificate Number

SD-22-000022

Product Name

electrical distribution panels

HS Code

853710000001

Model Name

لوحتك توزيع كهربائية

Barcodes and serial numbers supplement

Barcode : [BE000005]

1

TEST REPORT

CLIENT :	Date :
PROJECT :	
PANEL REF :	
SL. NO. :	

PANEL DESCRIPTION	
SYSTEM VOLTAGE	
SYSTEM FREQUENCY	
ENCLOSURES DIMENSION	
BUS BARS / POWER CABLES	
NO. OF FEEDERS	

VISUAL & MECHANICAL INSPECTION				
BUS BAR BOLTING TIGHTNESS CHECK			EQUIPMENT-TORQUE WRENCH	
SL.NO.	METRIC BOLT SIZE	REQUIRED VALUE	RESULT	COMMENTS
1	M6	10.4 Nm		
2	M8	25.4 Nm		
3	M10	50 Nm		
4	M12	88 Nm		

CONTINUITY TEST			EQUIPMENT-MULTIMETER	
1	POWER CIRCUIT	AUDIABLE ALARM		
2	CONTROL CIRCUIT	AUDIABLE ALARM		

FUNCTIONAL TEST				
BREAKERS ON/OFF CHECK				
1	MCB	3 TIMES		
2	MCCB	3 TIMES		

INSULATION RESISTANCE TEST									
INSULATION BETWEEN PHASES/NEUTRAL&GROUND					EQUIPMENT - KYORITSU (1000VDC/60Sec.)				
	RESULT	REMARKS			RESULT	REMARKS		RESULT	REMARKS
PE & N				N & L1			L1 & L2		
PE & L1				N & L2			L1 & L3		
PE & L2				N & L3			L2 & L3		
PE & L3									

DI - ELECTRIC TEST			
HIGH VOLTAGE INJECTION BETWEEN PHASES & GROUND		EQUIPMENT - H.V INJECTION KIT	
1	POWER CIRCUIT	INJECTING TIME 30 SEC.	2200V INJECTED
FOR _____			



رلم: ٤٥٠٠٠١١٠٢
تريخ: ١٤٤٥/٠٢/٠٥ هـ
نسخة: أصل المعاملة
مرفقات: بدون



الموضوع: بشأن طلب اعتماد مواد

المحترمين

السادة مجموعة العمرو للاستشارات الهندسية

رقم المبنى ٧١٤٤ - الرقم الإضافي ٥٣٠٣ - رمز البريد ٢٢٤٥٣ - رقم الوحدة ٧ - المدينة: جدة - حي: الصفا - الشارع: طريق الحرمين - س.ت: ٤٠٣٠٣٧٨٣١١

السلام عليكم ورحمة الله وبركاته

إشارة الى المعاملة الواردة من قبلكم رقم ٤٥٠٠٠١١٠٢ وتاريخ ١٤٤٤ / ٠١ / ٠١ هـ بشأن طلب اعتماد مصنع باعامر للكهرباء لتوريد لوحة التوزيع لشبكة انارة المخطط رقم ٦٧٩/ج/ص.

نفيدكم بناء على خطاب سعادة مدير عام التشغيل والصيانة رقم ٤٥٠٠٠١١٠٢ وتاريخ ١٤٤٥/٠١/٢٢ هـ بعد دراسة طلب الاعتماد اتضح بأنها مطابقة للشروط والمواصفات المعتمدة لدينا.

للاطلاع واكمال اللازم والإفادة.

وتقبلوا أطيب تحياتي

مدير عام الطرق والجسور

م. صالح بن أحمد البخاري
١٤٤٥/٠٢/٠٥ هـ